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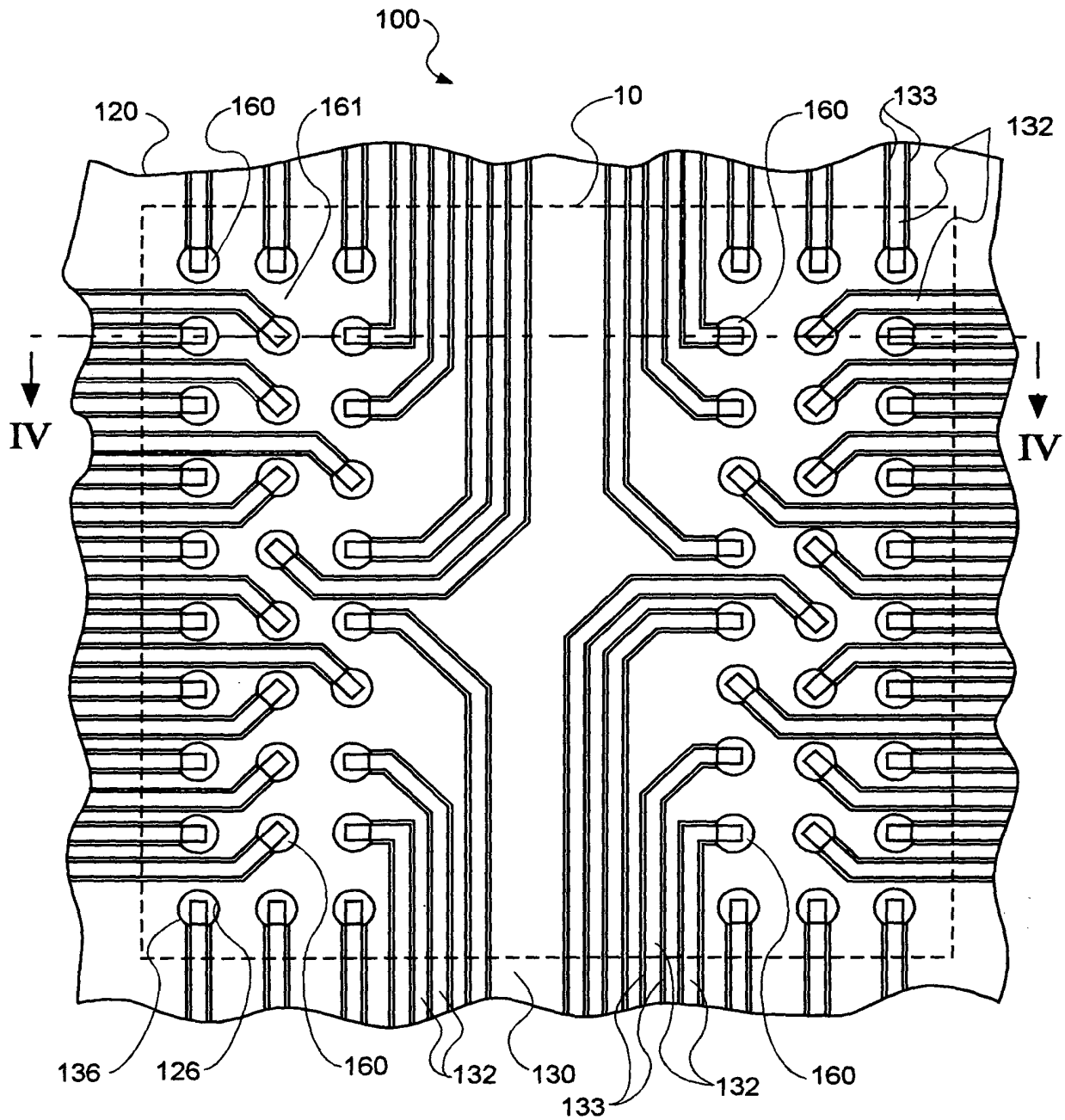
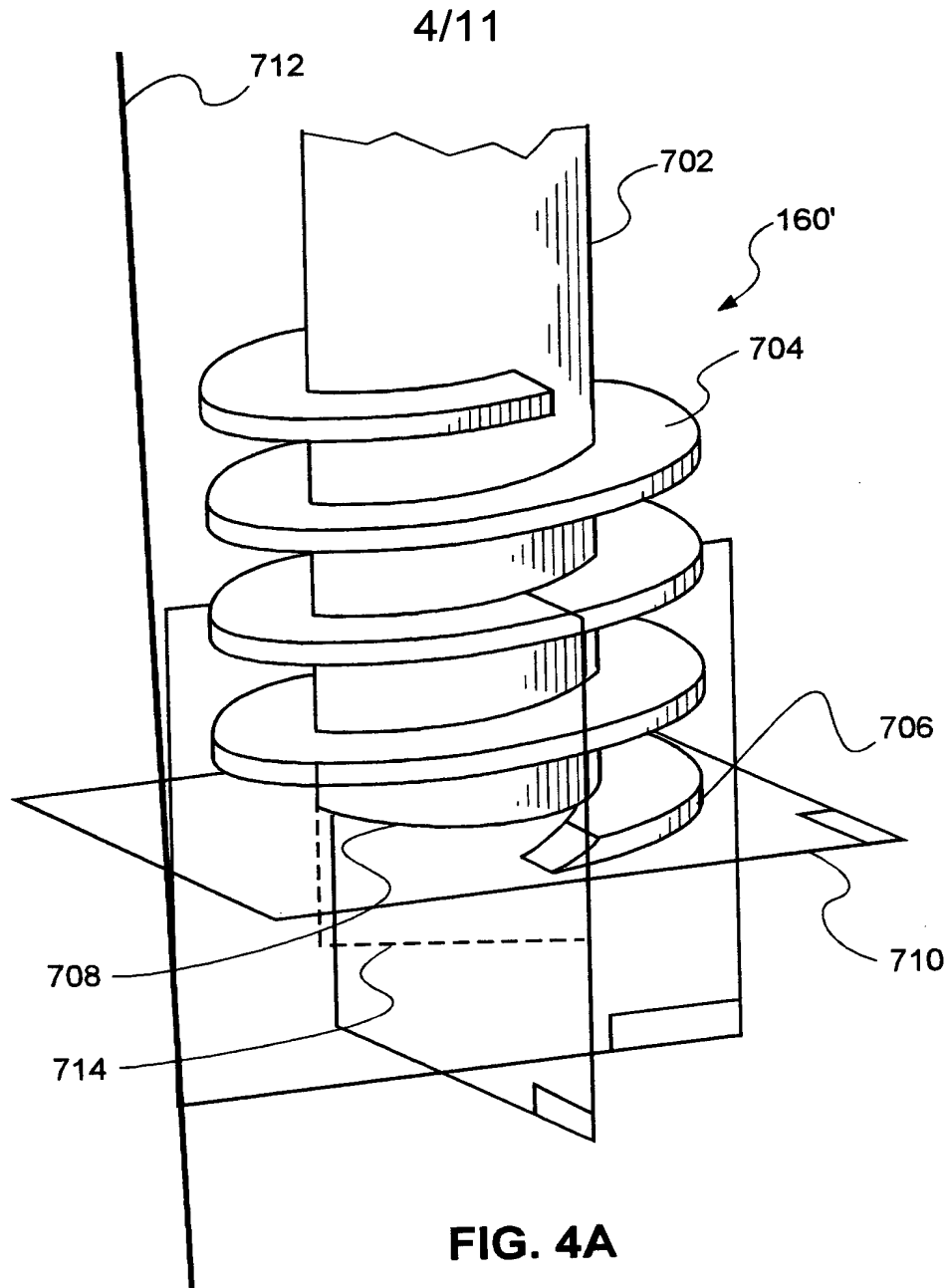


FIG. 3



FIG. 4



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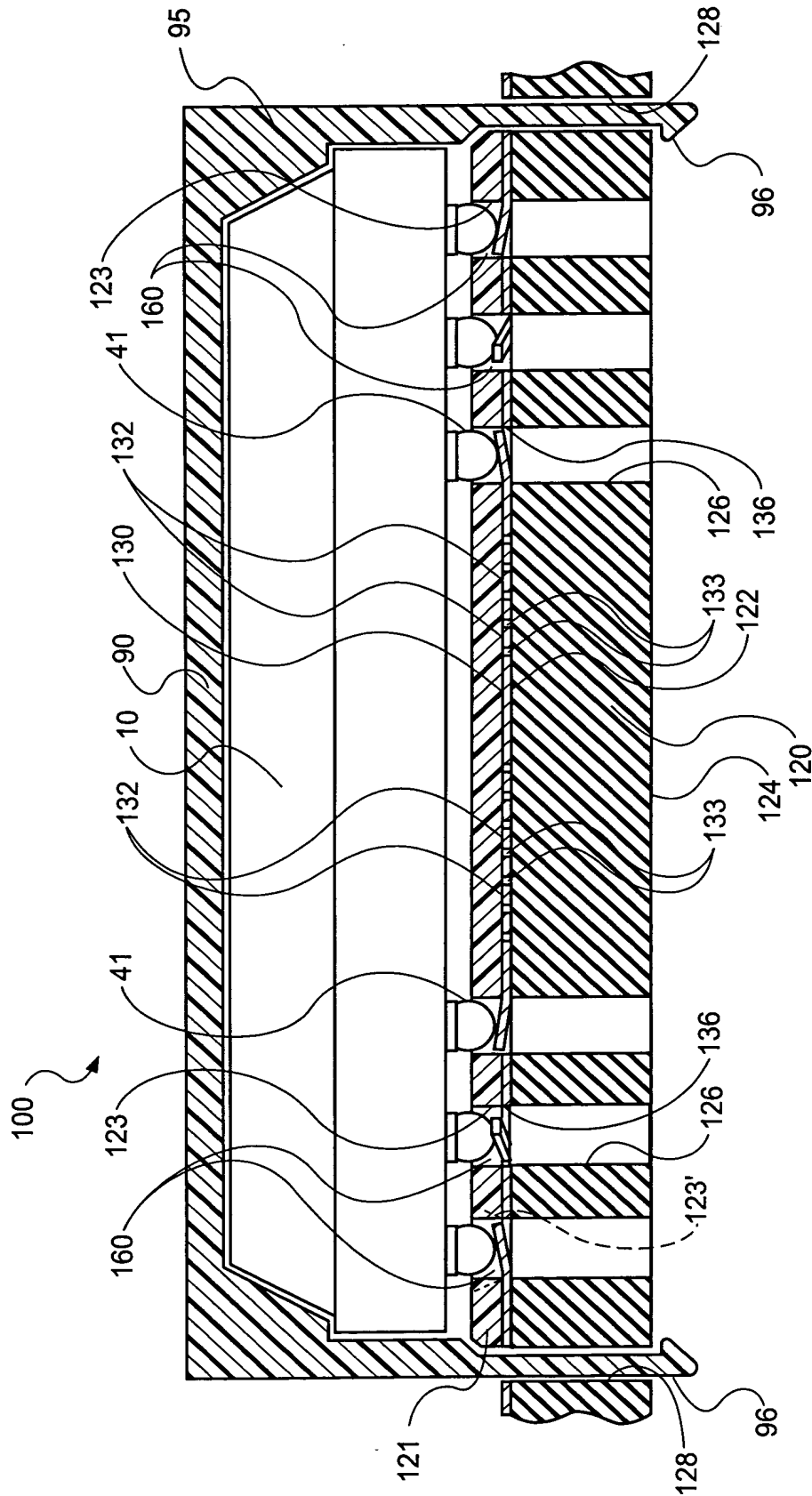


FIG. 5

METHODS OF FORMING A CONTACT ARRAY IN SITU ON A
SUBSTRATE AND RESULTING SUBSTRATE ASSEMBLIES

Inventor: Robert L. Canella

Filed: September 23, 2003

Attorney Docket No. 4322.1US

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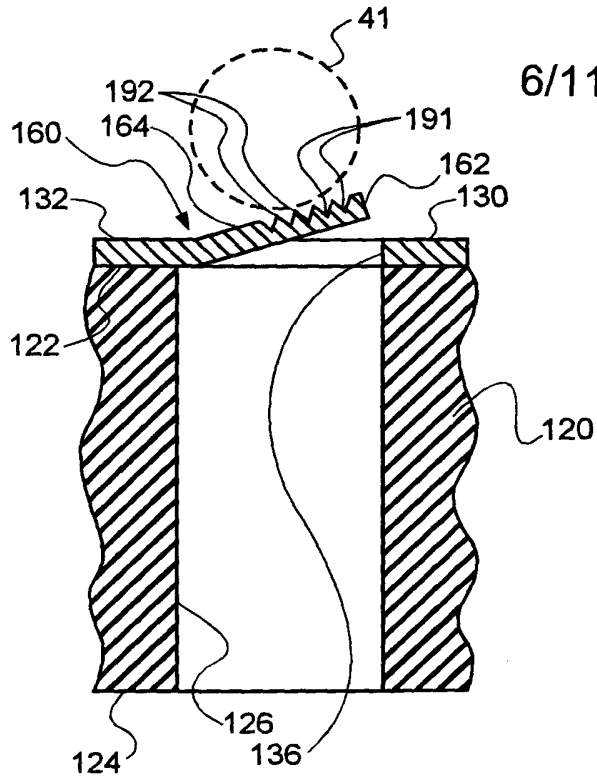


FIG. 6

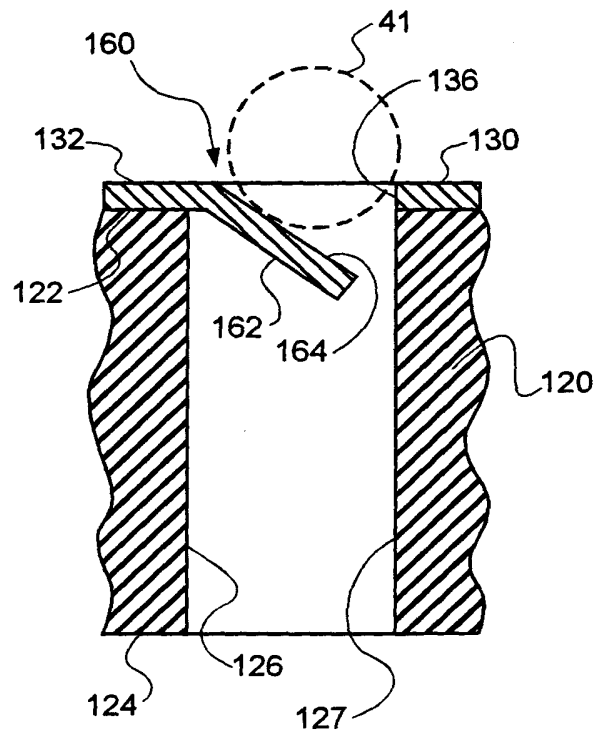


FIG. 7

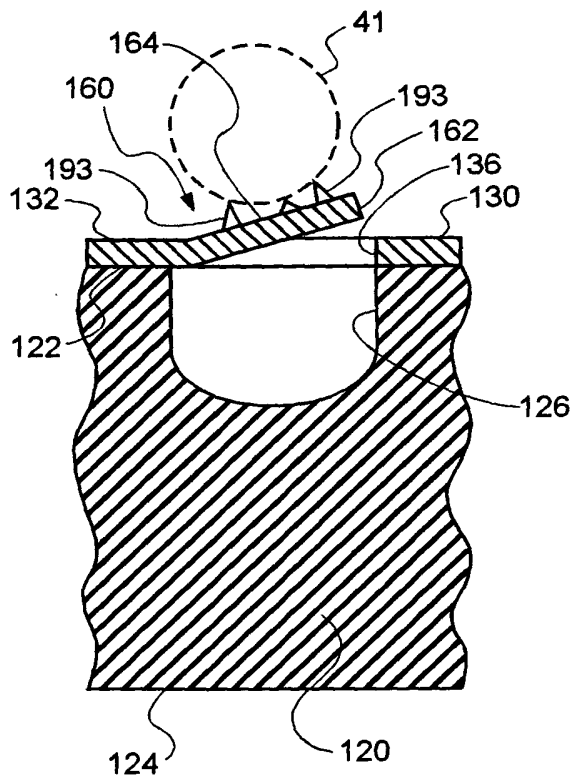


FIG. 8

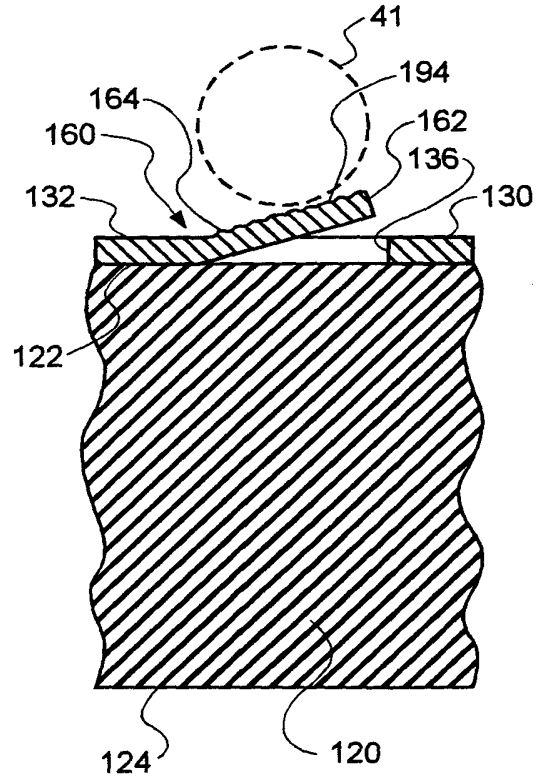


FIG. 9



METHODS OF FORMING A CONTACT ARRAY IN SITU ON A
SUBSTRATE AND RESULTING SUBSTRATE ASSEMBLIES

Inventor: Robert L. Canella
Filed: September 23, 2003
Attorney Docket No. 4322.1US

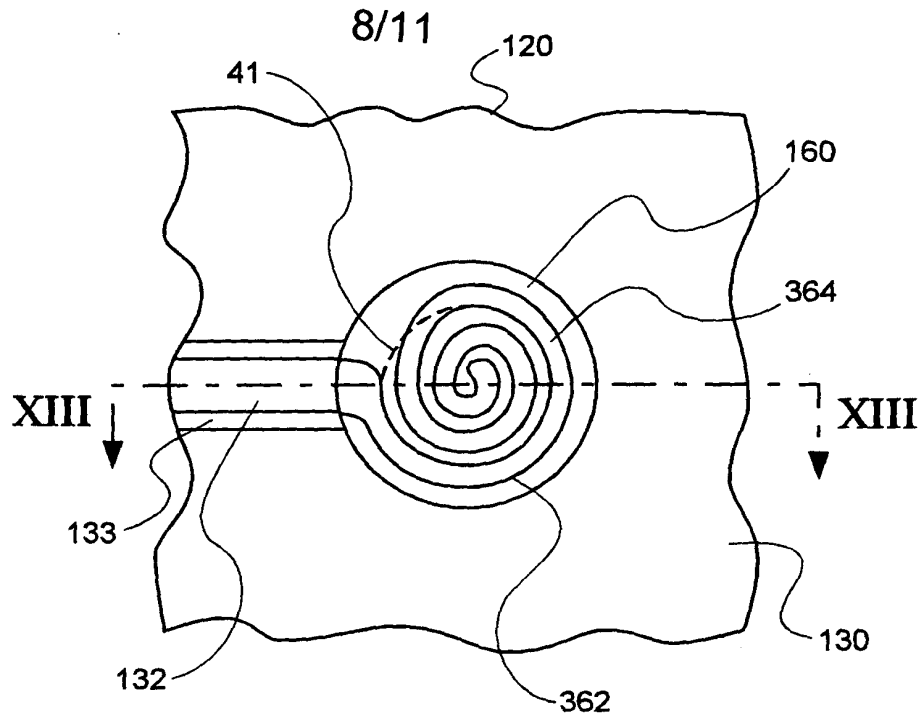


FIG. 12

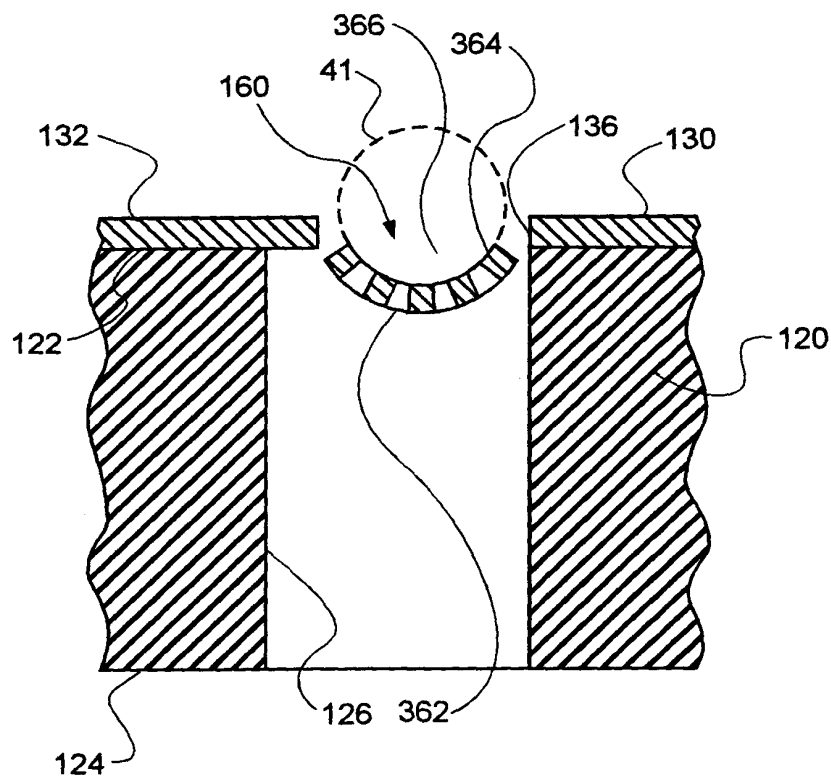


FIG. 13

METHODS OF FORMING A CONTACT ARRAY IN SITU ON A
SUBSTRATE AND RESULTING SUBSTRATE ASSEMBLIES

Inventor: Robert L. Canella

Filed: September 23, 2003

Attorney Docket No. 4322.1US

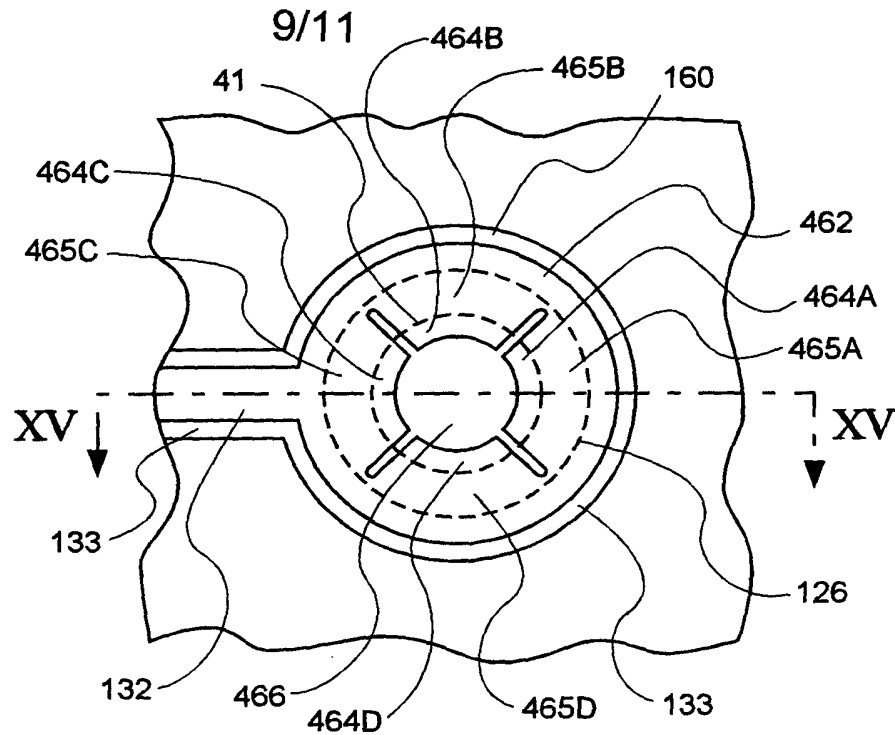


FIG. 14

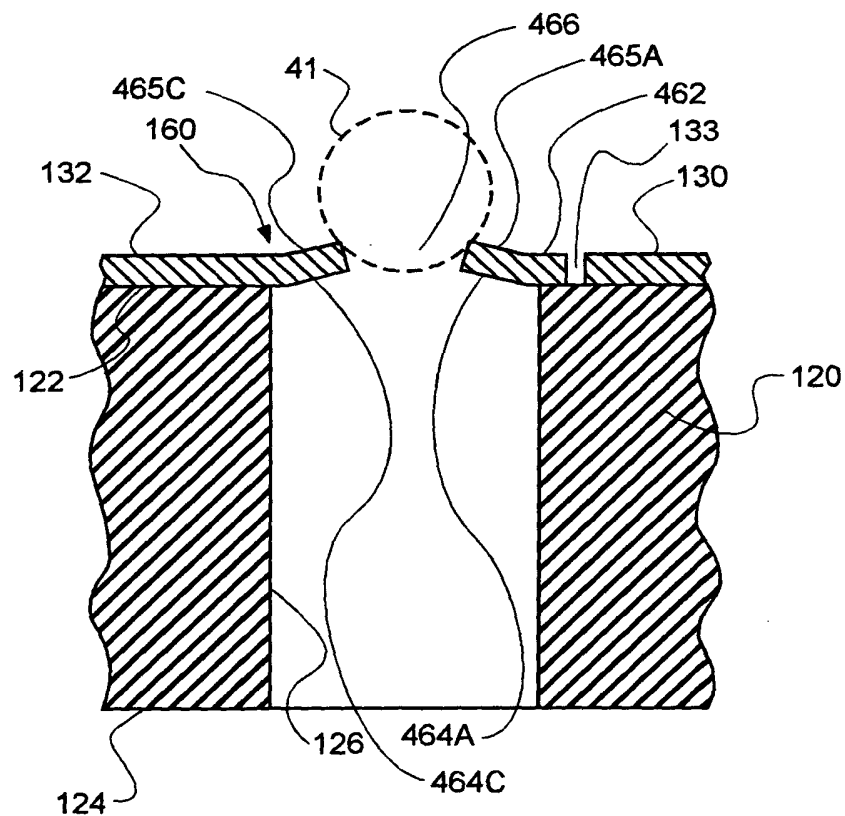


FIG. 15

FIG. 16

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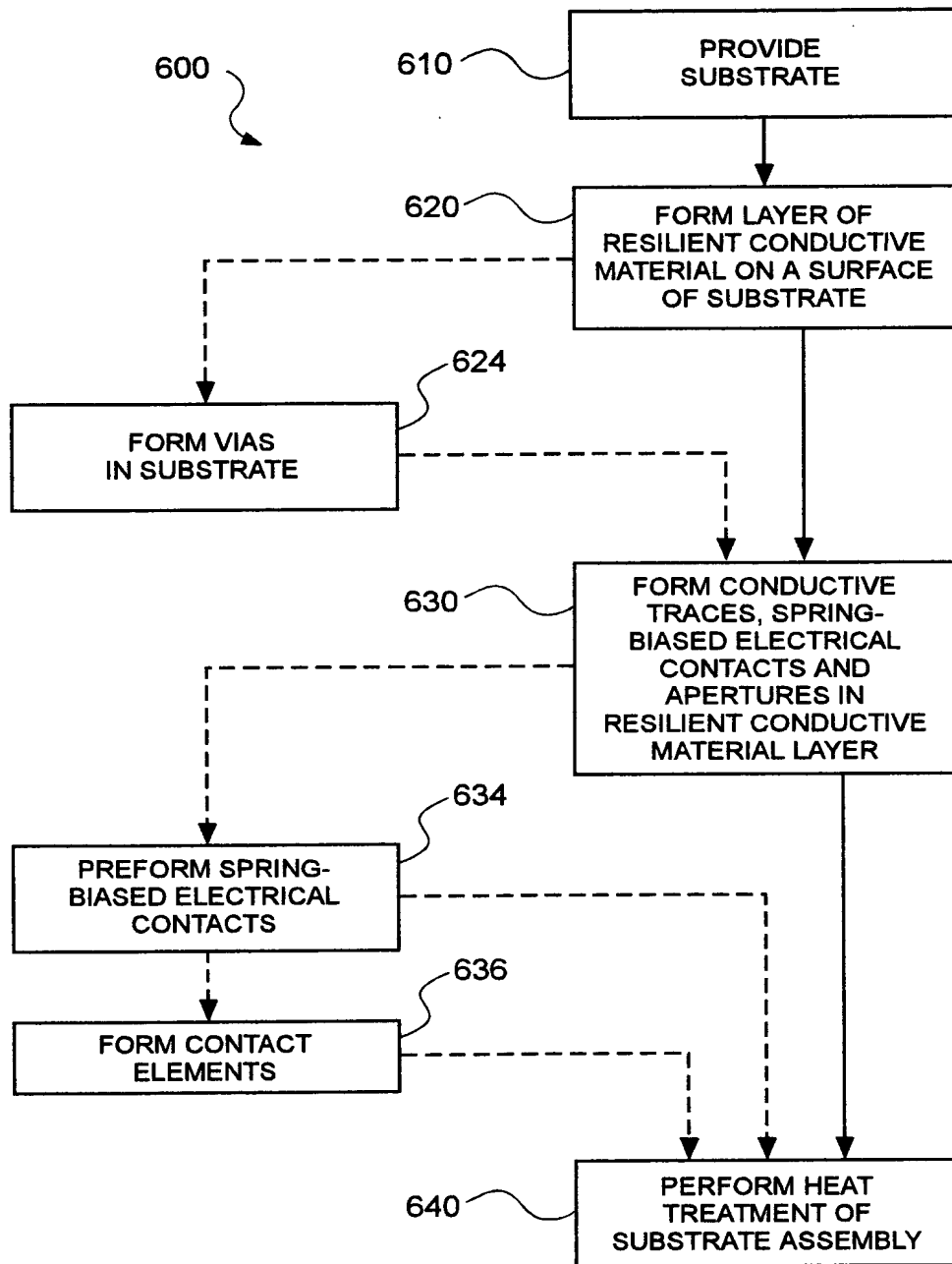


FIG. 17